

WHAT IS CLAIMED IS:

1. A digital camera comprising:

a photometry device for performing photometry for each of the sections obtained by dividing an imaging area into a plurality of sections to output photometry values;

an imaging device for imaging a subject, to output image data representing an image of the subject;

an exposure control device for controlling an amount of exposure in said imaging device on the basis of the photometry values outputted by said photometry device; and

a recording control device for recording the image data outputted from said imaging device and data representing the photometry values, for each of the sections obtained by the division, which has been outputted by said photometry device on a recording medium with the image data and the photometry value data being related to each other.

2. An image output apparatus comprising:

a reading device for reading, from a recording medium on which image data representing a subject image and data representing photometry values obtained by respectively performing photometry for a plurality of sections obtained by dividing an imaging area are recorded, the image data and the photometry value data being correlated to each other, the image data and the photometry value data;

a display control device for controlling a display device such that the subject image represented by the image

data read by said reading device is displayed on a display screen;

a designation device for designating a desired image zone in the subject image displayed on said display screen;

5 a brightness adjusting means for correcting, on the basis of the photometry value data corresponding to an image in the zone designated by said designation device, the brightness of the image in the designated zone; and

10 an image data output device for outputting, the image data representing the image the brightness of which is corrected.

3. An image output apparatus comprising:

a reading device for reading, from a recording medium on which image data representing subject images of a plurality of frames which have been obtained by imaging a subject under different imaging conditions, the image data representing a specified frame of image;

15 a display control device for controlling a display device such that the subject image represented by the image data read by said reading device is displayed on a display screen;

a designation device for designating a desired image zone in the subject image displayed on said display screen;

25 retrieval means for retrieving a frame of image data representing the most proper subject image out of the subject images of the plurality of frames with regard to the image in the zone designated by said designation device; and

an image data output device for outputting the image data found by said retrieval means.

4. The image output apparatus according to claim 3, wherein the imaging conditions is an exposure amount.

5 5. The image output apparatus according to claim 3, wherein the imaging conditions is a focal length.

6. The image output apparatus according to claim 4, wherein said retrieval means selects a frame of image data having the most proper brightness with regard to the image
10 in the zone designated by said designation device.

7. The image output apparatus according to claim 6, further comprising an adjusting means for adjusting brightness of the image, in a zone corresponding to the designated zone, of the selected frame of image data.

15 8. The image output apparatus according to claim 5, wherein said retrieval means selects a frame of image data having the most proper size with regard to the image in the zone designated by said designation device.

9. The image output apparatus according to claim 8,
20 further comprising an enlarging means for enlarging the size of the image, in a zone corresponding to the designated zone, of the selected frame of image data.

10. A method of controlling a digital camera, comprising the steps of:

25 performing photometry for each of the sections obtained by dividing an imaging area into a plurality of sections to output photometry values;

imaging a subject in an amount of exposure determined on the basis of the outputted photometry values, to obtain image data representing an image of the subject; and

recording the obtained image data and data
5 representing the outputted photometry values for each of the sections obtained by the division on a recording medium with the image data and the photometry value data being related to each other.

11. A method of outputting an image, comprising the
10 steps of:

reading, from a recording medium on which image data representing a subject image and data representing photometry values obtained by respectively performing photometry for a plurality of sections obtained by dividing
15 an imaging area are recorded with the image data and the photometry value data being related to each other, the image data and the photometry value data;

displaying on a display screen the subject image represented by the read image data;

20 designating a desired image zone in the subject image displayed on said display screen;

adjusting, on the basis of the photometry value data corresponding to an image in the designated zone, the brightness of the image in the designated zone; and

25 outputting the image data representing the image the brightness of which is adjusted.

12. A method of outputting an image, comprising the steps of:

reading, from a recording medium on which image data representing subject images of a plurality of frames which
5 have been obtained by imaging a subject under different imaging conditions, the image data representing a specified frame of image;

displaying on a display screen the subject image represented by the read image data;

10 designating a desired image zone in the subject image displayed on said display screen;

retrieving a frame of image data representing the most proper subject image out of the subject images of the plurality of frames with regard to the image in the
15 designated zone; and

outputting the image data found by the retrieval.